DOCUMENT RESUME

ED 237 030 HE 016 808

AUTHOR	Solomon, Robert J.
TITLE	[Information Concerning Mean Test Scores for the Graduate Management Admission Test (GMAT), Graduate Record Examinations (GRE), Law School Admission Test (LSAT), Preliminary Scholastic Aptitude Test (PSAT), and Scholastic Aptitude Test (SAT) for the National Commission on Excellence in Education.]
INSTITUTION	Educational Testing Service, Princeton, N.J.
PUB DATE	25 Feb 83
NOTE	29p.
PUB TYPE	Statistical Data (110)
EDRS PRICE	MF01/PC02 Plus Postage.
DESCRIPTORS	*Achievement Tests; *Aptitude Tests; *College Entrance Examinations; Costs; Postsecondary Education; *Scores; *Test Results; Trend Analysis
IDENTIFIERS	*Excellence; National Commission on Excellence in Education

ABSTRACT

Data are provided to the National Commission on Excellence in Education on the Graduate Management Admission Test (GMAT), Graduate Record Examinations (GRE), Law School Admission Test (LSAT), Preliminary Scholastic Aptitude Test (PSAT), and Scholastic Aptitude Test (SAT). Statistics are provided on the following: yearly GMAT mean scores 1965-1966 through 1981-1982, including scores on subject tests; LSAT mean scores for 1961-1962 through 1981-1982; means, standard deviations, and number of cases for all candidates taking specific achievement tests by year, 1956-1957 through 1974-1975; means, standard deviations, and number of cases for SAT candidates by year, 1956-1957 through 1975-1976; SAT verbal and mathematics scores for males and females, 1973-1982, including reading comprehension scores, vocabulary, test of Standard Written English, and achievement test scores by subject; and PSAT and National Scholarship Qualifying Test numbers, means, and standard deviations of verbal and mathematical scores for junior students tested from 1959 through 1982. (SW)

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EDUCATIONAL TESTING SERVICE PRINCETON, N.J. 08541

Robert J. Solomon
Executive Vice President

February 25, 1983

ED237030

Dr. Milton Goldberg
United States Department of Education
National Commission on Excellence in Education
Washington, DC 20208

Dear Dr. Goldberg:

Greg Anrig has asked me to respond to your request for information about mean test scores over the years. The enclosed materials cover the Graduate Management Admission Test (GMAT), Graduate Record Examinations (GRE), Law School Admission Test (LSAT), Preliminary Scholastic Aptitude Test (PSAT), and Scholastic Aptitude Test (SAT). Dr. James Erdmann of the Association of American Medical Colleges will respond directly to your request for information on the Medical College Admission Test.

Both GRE and GMAT mean score data are readily available only as far back as 1965. I hope that is sufficient. The SAT information is displayed in several different ways. Attachment A includes all test takers in each testing year from 1956-57 to 1974-75. Attachment B includes graduating seniors who were test takers at any time during their high school years. Attachment C includes junior year PSAT test takers only.

You also asked for information comparing the cost of scoring writing samples to machine-scored tests. Excluding such costs as transportation, lodging, and ETS staff time in support of large-scale essay scoring, an experienced reader can score about 40 twenty-minute essays an hour. At current hourly rates paid such readers, this translates to about $.20 per test. Since each essay is read twice, the minimum cost is approximately $.40. Machine-scored tests, on the other hand, which are scored at the rate of 8,000 to 10,000 per hour, cost an average of $.06.

If we can provide any additional information or answer any questions you might have, please don't hesitate to let me know.

Sincerely,

Robert J. Solomon

cc: Mr. Gregory R. Anrig

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GMAT MEAN SCORE

Year	N	Mean
1965-66	40,153	485
1966-67	43,652	486
1967-68	57,567	485
1968-69	67,267	481
1969-70	82,031	474
1970-71	85,044	466
1971-72	81,552	462
1972-73	90,100	465
1973-74	101,296	463
1974-75	123,261	461
1975-76	125,415	463
1976-77	139,363	462
1977-78	159,039	465
1978-79	183,923	463
1979-80	205,676	462
1980-81	212,513	467
1981-82	200,631	468

GRE SCORES 1965 - 1982

	Verbal		Math		Analytical Ability		ACHIEVEMENTS											
							Literature in English		Math		History		Psychology		Biology		Chemistry	
Year	N	MEAN	N	MEAN	N	MEAN	N	MEAN	N	MEAN	N	MEAN	N	MEAN	N	MEAN	N	MEAN
1965-66	123,960	520	123,952	528			8,845	588	4,972	660	7,076	561	7,615	552	6,597	610	3,919	618
1966-67	151,151	519	151,134	528			10,390	582	5,363	653	7,923	557	9,246	553	7,831	613	4,139	615
1967-68	182,432	520	182,432	527			12,511	572	6,520	655	9,213	554	11,161	547	9,467	614	4,781	617
1968-69	208,113	515	208,111	524			13,477	569	6,532	652	9,599	548	12,732	543	10,032	613	4,791	613
1969-70	285,359	503	285,314	516			15,016	558	7,371	641	11,519	535	16,202	532	12,895	603	5,411	613
1970-71	293,600	497	293,476	512			14,553	548	7,351	650	11,026	528	17,749	530	13,844	603	5,350	610
1971-72	293,238	493	293,125	508			12,929	544	6,483	653	9,514	527	19,465	527	13,889	604	4,753	620
1972-73	279,072	499	279,078	513			10,829	545	5,555	661	7,330	523	18,774	531	14,319	620	4,431	633
1973-74	281,269	495	281,322	510			9,611	547	4,953	674	6,145	520	18,457	531	14,365	624	4,473	637
1974-75	298,335	493	298,335	508			8,351	541	4,555	680	5,309	513	19,100	527	19,351	623	4,936	629
1975-76	299,292	492	299,292	510			7,035	539	4,089	693	4,623	518	18,270	531	20,360	627	5,058	627
1976-77	287,715	490	287,715	514			6,948	532	3,731	691	4,276	510	17,285	532	20,845	625	5,268	630
1977-78	286,383	484	286,383	518	286,383	495	6,420	530	3,736	692	3,980	509	17,270	529	20,842	622	5,671	624
1978-79	282,482	478	282,482	517	282,482	494	5,948	525	3,342	679	3,843	505	18,515	530	18,795	621	5,725	623
1979-80	272,281	474	272,281	522	272,281	499	5,557	521	3,424	696	3,223	508	15,656	534	16,693	619	5,422	618
1980-81	262,855	473	262,855	523	262,855	501	4,923	520	3,109	695	2,738	502	14,802	532	15,002	617	4,926	615
1981-82	256,381	469	256,381	533	256,381	498*	4,885	521	3,287	696	2,458	507	15,237	532	14,185	616	4,940	616

* The content of the Analytical was substantially changed in 1981 and the scores are not comparable to the previous measure

LSAT MEAN SCORES 1962 - 1982

Year	N	Mean
1961-62	25,660	483
1962-63	31,419	495
1963-64	37,446	499
1964-65	39,162	510
1965-66	44,776	511
1966-67	46,752	514
1967-68	49,897	516
1968-69	59,444	516
1969-70	76,315	518
1970-71	104,408	519
1971-72	119,391	521
1972-73	120,198	522
1973-74	130,726	527
1974-75	127,908	520
1975-76	125,485	525
1976-77	128,995	528
1977-78	120,680	533
1978-79	104,928	532
1979-80	104,015	538
1980-81	112,143	538
1981-82	93,461	541

ATTACHMENT A

Means, standard deviations, and numbers of cases* (in thousands) for all candidates taking Achievement Tests, by year, 1956-57 through 1974-75

Testing Year	ENGLISH COMPOSITION			LITERATURE			AMERICAN HISTORY AND SOCIAL STUDIES			EUROPEAN HISTORY AND WORLD CULTURES		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
1956-57	518	110	78.4	---	---	-----	---	---	-----	---	---	-----
1957-58	523	104	102.0	---	---	-----	---	---	-----	---	---	-----
1958-59	536	111	126.7	---	---	-----	---	---	-----	---	---	-----
1959-60	526	107	162.6	---	---	-----	---	---	-----	---	---	-----
1960-61	518	106	197.5	---	---	-----	---	---	-----	---	---	-----
1961-62	518	106	242.4	---	---	-----	---	---	-----	---	---	-----
1962-63	513	106	276.8	---	---	-----	530	110	85.4	532	106	7.8
1963-64	512	105	342.9	---	---	-----	522	108	108.8	528	102	8.9
1964-65	521	105	403.0	---	---	-----	517	109	128.7	537	105	9.6
1965-66	516	105	408.5	---	---	-----	512	110	124.3	539	107	9.1
1966-67	514	104	427.3	---	---	-----	500	111	126.2	530	105	11.0
1967-68	514	106	455.9	526	110	8.6	497	107	138.4	534	109	10.7
1968-69	514	106	473.8	522	112	22.2	494	106	135.9	522	109	10.7
1969-70	512	106	464.6	523	110	22.1	486	106	126.3	520	107	9.3
1970-71	513	105	397.0	531	109	21.8	494	103	114.8	526	106	7.6
1971-72	516	108	355.9	530	111	19.9	487	104	108.9	530	110	6.3
1972-73	512	106	312.0	525	112	13.5	498	105	89.7	521	107	5.9
1973-74	511	106	264.1	528	111	23.5	495	105	73.0	522	106	6.3
1974-75	518	107	257.0	520	112	24.4	493	105	71.6	524	104	2.9

*The term "case" is used here to denote the taking of a specific Achievement Test. Thus, if a candidate took the same Achievement Test at two administrations, he is counted as two cases.

Means, standard deviations, and number of cases* (in thousands) for all candidates taking Achievement Tests, by year, 1956-57 through 1974-75

Testing Year	FRENCH**			GERMAN**			HEBREW			LATIN		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
1956-57	511	113	16.2	493	105	1.8	---	---	----	537	100	4.7
1957-58	499	111	19.8	485	107	2.6	---	---	----	538	96	6.1
1958-59	502	109	23.3	485	103	3.3	---	---	----	536	95	7.8
1959-60	509	111	29.3	489	107	4.6	---	---	----	543	93	10.0
1960-61	499	110	36.5	490	105	6.1	535	105	.6	548	96	13.6
1961-62	502	110	47.4	492	102	7.9	582	99	.6	544	94	17.1
1962-63	508	107	53.5	498	104	8.6	579	101	.7	555	94	17.9
1963-64	502	104	69.7	492	105	11.5	586	92	.8	553	93	21.0
1964-65	515	106	81.4	499	111	14.1	588	100	1.0	543	99	22.3
1965-66	519	110	86.6	515	112	14.8	581	97	.8	537	100	20.7
1966-67	522	109	90.1	519	114	15.9	592	98	1.0	535	100	19.6
1967-68	535	108	98.2	524	114	18.1	586	98	1.1	531	102	18.5
1968-69	525	107	105.0	518	109	18.8	570	99	1.2	526	102	15.9
1969-70	524	106	96.4	525	117	18.5	573	104	1.2	520	107	12.8
1970-71	535	103	35.6	523	103	7.0	569	106	1.2	532	106	7.5
1971-72	536	109	27.8	550	119	5.6	565	102	1.1	530	104	5.4
1972-73	540	107	29.7	541	115	6.8	568	105	1.0	527	106	4.2
1973-74	551	108	25.4	549	122	5.9	574	99	.9	510	100	3.0
1974-75	546	111	38.1	544	122	7.9	576	99	.9	515	105	1.4

*The term "case" is used here to denote the taking of a specific Achievement Test. Thus, if a candidate took the same Achievement Test at two administrations, he is counted as two cases.

**Data for French, German, and Spanish Achievement Tests are based on Reading only Tests. Composite Foreign Language Tests based on both Reading and Listening were also given in 1970-71 - 1973-74. Data for Russian Achievement Test are based on Reading only tests 1956-57 - 1969-70, 1974-75 and on Composite tests for 1970-71 - 1973-74.

Means, standard deviations, and number of cases* (in thousands) for all candidates taking Achievement Tests, by year, 1956-57 through 1974-75

Testing Year	RUSSIAN**			SPANISH**			BIOLOGY			CHEMISTRY		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
1956-57	---	---	----	487	119	6.8	493	107	8.1	528	106	20.2
1957-58	---	---	----	494	120	7.7	509	111	10.8	534	104	24.8
1958-59	---	---	----	501	122	9.5	510	108	14.1	545	104	29.6
1959-60	---	---	----	497	123	12.3	510	111	17.4	538	107	33.9
1960-61	532	126	.4	510	122	15.1	507	106	20.7	548	104	40.4
1961-62	536	122	.5	512	130	19.8	510	109	26.7	545	104	47.9
1962-63	532	116	.8	511	122	22.6	515	109	33.1	546	104	53.7
1963-64	539	120	1.1	502	118	29.6	516	110	43.2	541	104	65.1
1964-65	530	122	1.4	499	118	36.8	515	111	48.9	554	102	66.1
1965-66	545	132	1.3	509	123	39.5	520	110	51.7	553	105	67.7
1966-67	538	133	1.2	508	123	44.0	516	110	54.0	564	106	66.7
1967-68	536	130	1.4	511	122	51.4	513	112	62.0	565	105	68.4
1968-69	532	133	1.3	513	120	59.0	514	113	63.6	561	109	63.7
1969-70	528	135	1.3	513	121	59.3	524	114	53.7	575	111	60.2
1970-71	532	133	.9	524	117	22.2	526	114	56.7	569	105	53.8
1971-72	539	136	.6	532	118	19.5	537	114	57.0	568	112	49.6
1972-73	545	136	.5	543	123	23.2	542	116	58.0	573	106	44.9
1973-74	557	142	.4	558	125	21.2	545	110	50.1	567	109	36.1
1974-75	543	148	.4	539	122	30.3	544	115	52.0	568	101	36.9

*The term "case" is used here to denote the taking of a specific Achievement Test. Thus, if a candidate took the same Achievement Test at two administrations, he is counted as two cases.

**Data for French, German, and Spanish Achievement Tests are based on Reading only Tests. Composite Foreign Language Tests based on both Reading and Listening were also given in 1970-71 - 1973-74. Data for Russian Achievement Test are based on Reading only tests 1956-57 - 1969-70, 1974-75 and on Composite tests for 1970-71 - 1973-74.

Means, standard deviations, and number of cases* (in thousands) for all candidates taking Achievement Tests, by year, 1956-57 through 1974-75

Testing Year	PHYSICS			MATHEMATICS LEVEL I			MATHEMATICS LEVEL II		
	Mean	SD	N	Mean	SD	N	Mean	SD	N
1956-57	534	98	16.8	---	---	-----	---	---	----
1957-58	530	96	20.3	---	---	-----	---	---	----
1958-59	543	96	21.6	---	---	-----	---	---	----
1959-60	546	98	25.9	---	---	-----	---	---	----
1960-61	536	93	27.6	---	---	-----	---	---	----
1961-62	542	97	27.3	---	---	-----	---	---	----
1962-63	548	91	26.9	---	---	-----	---	---	----
1963-64	549	90	30.3	---	---	-----	---	---	----
1964-65	567	97	29.5	536	105	301.4	671	89	19.2
1965-66	583	99	28.3	540	103	310.3	686	92	17.8
1966-67	582	99	28.4	542	102	320.1	683	95	23.7
1967-68	579	102	29.1	544	102	335.2	675	93	26.8
1968-69	587	106	28.1	538	99	344.9	668	98	29.5
1969-70	587	106	25.3	543	104	331.0	668	101	29.8
1970-71	590	107	21.9	538	99	295.7	662	99	30.9
1971-72	599	105	19.0	539	100	264.0	658	101	31.3
1972-73	601	106	17.1	536	101	232.0	664	97	30.1
1973-74	599	102	14.4	540	101	189.6	661	100	32.1
1974-75	598	104	15.2	539	103	184.1	658	103	35.8

*The term "case" is used here to denote the taking of a specific Achievement Test. Thus, if a candidate took the same Achievement Test at two administrations, he is counted as two cases.

Means, standard deviations, and numbers of cases* (in thousands) for all candidates taking the SAT, by year, 1956-57 through 1975-76

Testing Year	SAT-Verbal			SAT-Mathematical		
	Mean	SD	N	Mean	SD	N
1956-57	473	105	270.6	496	111	270.5
1957-58	472	106	376.9	496	109	376.8
1958-59	475	106	469.7	498	110	469.7
1959-60	477	108	564.3	498	109	564.2
1960-61	474	108	716.4	495	109	716.3
1961-62	473	109	802.6	498	112	802.5
1962-63	478	109	933.2	502	111	933.1
1963-64	475	108	1,164.0	498	113	1,163.9
1964-65	473	108	1,361.4	496	112	1,361.2
1965-66	471	108	1,381.4	496	111	1,381.4
1966-67	467	109	1,422.5	495	110	1,422.5
1967-68	466	108	1,543.8	494	112	1,543.8
1968-69	462	108	1,585.6	491	111	1,585.6
1969-70	460	110	1,605.9	488	113	1,605.9
1970-71	454	109	1,537.2	487	113	1,537.2
1971-72	450	108	1,459.9	482	112	1,459.9
1972-73	443	107	1,398.4	481	112	1,398.4
1973-74	440	107	1,354.0	478	115	1,354.0
1974-75	437	108	1,371.2	473	114	1,371.2

*The term "case" is used here to denote an attendance at an SAT administration. Thus, if a candidate attended two administrations, he is counted as two cases.

ATTACHMENT B

TABLE I
SAT Scores
VERBAL

Male

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
	%	%	%	%	%	%	%	%	%	%
Score										
700 - 800	1	1	1	1	1	1	1	1	1	1
600 - 699	9	9	7	7	7	7	7	7	7	6
500 - 599	22	22	21	21	19	20	19	20	20	19
400 - 499	33	33	33	32	34	33	33	33	35	35
300 - 399	27	27	28	29	28	28	28	28	27	27
200 - 299	8	8	9	11	11	11	11	12	11	11
Number	515,927	492,648	496,860	494,626	479,070	478,791	479,224	478,284	478,448	476,316
Mean	446	447	437	433	431	433	431	428	430	431
S. D.	110	111	111	111	110	110	111	110	110	110

Female

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
	%	%	%	%	%	%	%	%	%	%
Score										
700 - 800	1	1	1	1	1	1	1	1	1	1
600 - 699	7	8	6	7	7	6	6	6	6	6
500 - 599	21	22	19	19	19	19	18	18	18	18
400 - 499	34	34	34	32	34	32	33	32	33	34
300 - 399	27	27	28	29	28	29	30	30	29	29
200 - 299	8	8	10	11	11	12	12	13	13	13
Number	498,926	492,591	499,568	505,183	500,326	510,394	512,393	512,961	515,598	511,954
Mean	443	442	431	430	427	425	423	420	418	421
S. D.	107	108	108	110	110	110	110	110	110	110

Total

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
	%	%	%	%	%	%	%	%	%	%
Score										
700 - 800	1	1	1	1	1	1	1	1	1	1
600 - 699	9	9	7	7	7	7	6	6	6	6
500 - 599	22	22	21	20	19	20	19	18	19	19
400 - 499	34	33	34	32	34	33	33	32	33	34
300 - 399	27	27	28	29	28	28	30	29	29	28
200 - 299	8	8	10	11	11	11	11	13	12	13
Number	1,014,853	985,239	996,428	999,809	979,396	989,185	991,617	991,245	994,046	988,270
Mean	445	444	434	431	429	429	427	424	424	426
S. D.	108	110	109	110	110	110	110	110	110	110

TABLE I
SAT Scores
MATH

Male

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
	%	%	%	%	%	%	%	%	%	%
Score										
700 - 800	4	6	6	6	6	6	5	4	4	5
600 - 799	17	17	16	17	17	16	16	16	16	17
500 - 599	31	29	28	28	29	28	29	27	30	28
400 - 499	28	28	28	27	26	28	27	28	28	28
300 - 399	17	17	18	18	18	18	19	19	18	18
200 - 299	3	3	4	5	5	5	5	5	5	5
Number	515,863	492,598	496,843	494,619	479,058	478,717	479,099	478,193	478,301	476,192
Mean	502	501	495	497	497	494	493	491	492	493
S. D.	117	119	119	123	121	121	121	120	119	120

Female

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
	%	%	%	%	%	%	%	%	%	%
Score										
700 - 800	1	1	1	1	1	1	1	1	1	1
600 - 799	9	10	9	9	9	9	8	9	8	8
500 - 599	28	25	25	23	24	23	23	22	24	22
400 - 499	33	33	33	31	30	32	31	32	32	33
300 - 399	24	25	27	27	28	28	28	28	26	28
200 - 299	6	6	7	8	8	8	8	8	8	8
Number	498,841	492,517	499,548	505,157	500,286	510,332	512,306	512,863	515,371	511,750
Mean	460	459	449	446	445	444	443	443	443	443
S. D.	106	108	107	111	110	110	109	109	109	109

Total

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
	%	%	%	%	%	%	%	%	%	%
Score										
700 - 800	3	4	3	4	3	3	3	3	3	3
600 - 799	13	13	12	13	13	12	12	12	11	12
500 - 599	29	26	26	26	26	25	26	24	27	25
400 - 499	30	31	30	29	28	29	30	30	30	31
300 - 399	20	21	23	23	24	23	23	24	22	23
200 - 299	5	4	6	6	6	6	7	6	7	7
Number	1,014,704	985,115	996,391	999,776	979,344	989,049	991,405	991,056	993,672	987,942
Mean	481	480	472	472	470	468	467	466	466	467
S. D.	113	116	115	120	119	118	117	117	117	117

TABLE 2
SAT Verbal Subscores
READING COMPREHENSION

Male

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
	%	%	%	%	%	%	%	%	%	%
Score										
70 - 80	NA	NA	1	1	1	1	1	1	1	1
60 - 69	NA	NA	7	8	8	8	8	7	7	7
50 - 59	NA	NA	22	19	19	19	18	20	20	20
40 - 49	NA	NA	32	32	31	32	32	32	32	34
30 - 39	NA	NA	27	30	30	30	30	29	29	27
20 - 29	NA	NA	11	10	11	10	11	12	11	12
Number	NA	NA	360,397	493,755	479,049	478,754	478,846	478,249	478,426	476,281
Mean	NA	NA	43.5	43.2	43.0	43.1	42.9	42.7	43.1	43.1
S. D.	NA	NA	11.3	11.2	11.1	11.1	11.3	11.2	11.2	11.2

Female

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
	%	%	%	%	%	%	%	%	%	%
Score										
70 - 80	NA	NA	1	1	1	1	1	1	1	1
60 - 69	NA	NA	6	8	7	7	6	6	5	6
50 - 59	NA	NA	23	19	19	18	18	18	18	18
40 - 49	NA	NA	34	32	31	32	33	32	31	34
30 - 39	NA	NA	27	31	31	31	31	31	32	28
20 - 29	NA	NA	11	10	11	10	11	12	12	13
Number	NA	NA	359,301	504,158	500,317	510,377	512,204	512,943	515,578	511,928
Mean	NA	NA	43.3	43.1	42.9	42.8	42.5	42.3	41.9	42.2
S. D.	NA	NA	11.0	10.9	10.9	11.0	10.9	10.9	10.9	11.0

Total

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
	%	%	%	%	%	%	%	%	%	%
Score										
70 - 80	NA	NA	1	1	1	1	1	1	1	1
60 - 69	NA	NA	6	8	8	7	7	7	6	6
50 - 59	NA	NA	22	19	19	18	18	18	19	19
40 - 49	NA	NA	32	32	31	32	33	32	32	34
30 - 39	NA	NA	27	30	30	30	31	29	30	27
20 - 29	NA	NA	11	10	11	10	11	12	12	12
Number	NA	NA	719,698	997,913	979,366	989,131	991,050	991,192	994,004	988,209
Mean	NA	NA	43.4	43.2	42.9	43.0	42.7	42.5	42.5	42.7
S. D.	NA	NA	11.2	11.1	11.0	11.0	11.1	11.1	11.1	11.0

TABLE 2
SAT Verbal Subscores
VOCABULARY

Male

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
Score	%	%	%	%	%	%	%	%	%	%
70 - 80	NA	NA	1	2	1	2	3	1	1	1
60 - 69	NA	NA	10	8	7	8	8	6	6	6
50 - 59	NA	NA	20	22	22	22	22	20	21	20
40 - 49	NA	NA	33	32	32	32	31	34	35	36
30 - 39	NA	NA	24	23	25	25	24	26	25	26
20 - 29	NA	NA	12	12	13	12	13	11	12	11
Number	NA	NA	360,403	493,770	479,039	478,759	478,824	478,243	478,411	476,274
Mean	NA	NA	43.5	43.7	43.4	43.6	43.5	43.0	42.9	43.1
S. D.	NA	NA	11.9	11.9	11.8	12.0	12.0	11.1	10.8	10.9

Female

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
Score	%	%	%	%	%	%	%	%	%	%
70 - 80	NA	NA	1	2	1	1	2	1	1	1
60 - 69	NA	NA	8	8	6	6	6	6	4	5
50 - 59	NA	NA	18	20	20	20	19	17	19	18
40 - 49	NA	NA	33	32	32	30	30	33	34	35
30 - 39	NA	NA	26	25	25	26	27	28	27	27
20 - 29	NA	NA	14	14	15	15	15	13	14	13
Number	NA	NA	359,299	504,161	500,310	510,381	512,193	512,927	515,561	511,907
Mean	NA	NA	42.7	43.1	42.7	42.4	42.3	41.9	41.9	42.1
S. D.	NA	NA	11.8	12.0	12.1	12.1	12.0	11.3	11.0	11.0

Total

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
Score	%	%	%	%	%	%	%	%	%	%
70 - 80	NA	NA	1	2	1	2	2	1	1	1
60 - 69	NA	NA	9	8	6	6	6	6	4	6
50 - 59	NA	NA	18	21	21	21	20	19	20	19
40 - 49	NA	NA	33	33	32	31	31	34	35	36
30 - 39	NA	NA	26	24	25	25	26	28	26	26
20 - 29	NA	NA	12	13	14	14	15	13	13	12
Number	NA	NA	719,702	997,931	979,349	989,140	991,017	991,170	993,972	988,181
Mean	NA	NA	43.1	43.4	43.0	43.0	42.9	42.4	42.4	42.6
S. D.	NA	NA	11.9	12.0	12.0	12.0	12.0	11.2	10.9	11.0

TABLE 3
Test of Standard Written English

Male

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
	%	%	%	%	%	%	%	%	%	%
Score										
60+	NA	NA	3	4	4	3	3	3	3	3
50 - 59	NA	NA	26	24	25	25	24	24	24	24
40 - 49	NA	NA	30	32	31	32	31	30	32	32
30 - 39	NA	NA	25	25	24	25	25	25	26	25
20 - 29	NA	NA	15	15	15	16	16	16	16	16
Number	NA	NA	360,418	493,783	479,075	478,766	478,763	478,210	478,364	476,223
Mean	NA	NA	42.2	42.1	42.2	42.0	41.8	41.7	41.5	41.7
S. D.	NA	NA	10.9	10.9	11.0	10.9	10.9	11.0	10.9	10.8

Female

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
	%	%	%	%	%	%	%	%	%	%
Score										
60+	NA	NA	4	6	5	4	4	4	3	3
50 - 59	NA	NA	32	29	29	29	29	28	28	27
40 - 49	NA	NA	31	33	32	33	32	31	32	33
30 - 39	NA	NA	21	21	21	23	23	22	23	23
20 - 29	NA	NA	11	12	12	12	13	14	14	14
Number	NA	NA	359,303	504,167	500,335	510,396	512,161	512,947	515,510	511,879
Mean	NA	NA	44.3	44.0	43.7	43.5	43.2	43.0	42.9	42.8
S. D.	NA	NA	10.6	10.7	10.8	10.7	10.7	10.8	10.8	10.7

Total

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
	%	%	%	%	%	%	%	%	%	%
Score										
60+	NA	NA	4	5	5	4	3	4	3	3
50 - 59	NA	NA	29	27	27	27	27	26	26	26
40 - 49	NA	NA	31	32	32	32	32	31	32	33
30 - 39	NA	NA	23	23	23	23	24	24	25	24
20 - 29	NA	NA	13	13	13	14	14	16	15	15
Number	NA	NA	719,721	997,950	979,410	989,162	990,924	991,157	993,874	988,102
Mean	NA	NA	43.2	43.1	42.9	42.8	42.5	42.4	42.2	42.3
S. D.	NA	NA	10.8	10.8	10.9	10.8	10.8	11.0	10.8	10.8

TABLE 4
Achievement Test Scores

Average of Scores

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
	%	%	%	%	%	%	%	%	%	%
Score										
700 - 800	4	5	4	5	4	4	4	4	4	4
600 - 699	19	21	21	22	21	21	20	21	20	22
500 - 599	37	37	37	37	38	38	38	38	39	40
400 - 499	31	29	30	28	29	30	30	30	30	28
300 - 399	8	8	8	7	8	8	8	6	6	6
200 - 299	0	0	0	0	0	0	0	0	0	0
Number	294,678	246,622	228,115	228,227	212,712	208,844	201,392	200,038	198,922	196,991
Mean	527	533	531	538	533	531	529	532	532	537
S. D.	95	96	95	96	94	93	92	91	90	89

Am. History

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
	%	%	%	%	%	%	%	%	%	%
Score										
700 - 800	5	5	5	5	3	5	3	5	4	4
600 - 699	14	14	14	13	13	14	11	15	16	16
500 - 599	30	28	29	28	29	28	27	29	32	33
400 - 499	35	35	37	37	36	35	38	35	36	34
300 - 399	17	17	16	18	16	17	19	15	13	12
200 - 299	1	1	1	1	1	1	1	1	0	0
Number	87,179	71,289	64,089	64,139	63,111	60,687	58,005	55,987	54,717	55,167
Mean	498	498	494	493	492	496	480	501	508	511
S. D.	105	107	103	106	103	109	101	106	98	100

Biology

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
	%	%	%	%	%	%	%	%	%	%
Score										
700 - 800	9	10	11	10	10	10	9	10	8	8
600 - 699	21	23	23	23	23	25	25	27	27	27
500 - 599	31	31	31	31	31	31	32	31	32	34
400 - 499	27	26	25	25	25	25	24	23	23	23
300 - 399	11	9	10	10	10	10	8	8	9	8
200 - 299	1	0	1	1	1	1	1	1	0	1
Number	50,521	46,468	46,383	46,041	44,897	47,291	43,002	40,580	40,480	40,246
Mean	532	545	544	543	543	544	547	551	546	548
S. D.	113	112	115	113	114	111	109	109	107	106

TABLE 4
Achievement Test Scores (con't)

Chemistry

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
	%	%	%	%	%	%	%	%	%	%
Score										
700 - 800	16	18	13	13	13	14	13	14	13	13
600 - 699	25	27	26	27	29	28	29	29	28	29
500 - 599	33	32	34	33	33	33	33	33	35	35
400 - 499	25	20	23	24	22	21	21	20	22	20
300 - 399	3	4	3	4	2	2	3	3	3	3
200 - 299	0	0	0	0	0	0	0	0	0	0
Number	42,863	36,521	33,056	34,294	35,009	35,007	34,159	34,473	34,494	34,888
Mean	572	581	569	567	574	577	575	573	571	575
S. D.	108	110	103	104	102	102	102	103	101	99

English Composition

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
	%	%	%	%	%	%	%	%	%	%
Score										
700 - 800	5	5	5	7	5	4	5	5	4	4
600 - 699	19	19	19	22	19	20	19	20	19	22
500 - 599	32	32	32	31	33	33	34	32	33	33
400 - 499	30	30	30	27	30	30	30	29	31	29
300 - 399	13	12	13	10	12	12	12	12	13	11
200 - 299	1	1	1	1	1	1	1	1	1	1
Number	275,196	228,300	211,852	212,796	200,539	195,173	187,266	184,714	182,939	180,637
Mean	517	517	515	532	516	512	514	518	512	520
S. D.	107	107	107	111	107	105	106	106	104	104

French

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
	%	%	%	%	%	%	%	%	%	%
Score										
700 - 800	10	14	11	13	12	12	12	10	10	10
600 - 699	21	22	21	22	23	21	22	25	23	23
500 - 599	32	32	33	31	31	33	33	32	32	32
400 - 499	31	29	31	29	27	28	27	26	28	28
300 - 399	5	3	4	5	6	6	6	7	7	7
200 - 299	0	0	0	0	0	0	0	0	0	0
Number	47,475	38,240	33,868	31,087	27,298	25,673	23,621	23,823	23,239	23,276
Mean	544	560	553	553	553	552	554	550	546	546
S. D.	104	109	105	110	109	109	108	105	106	106

TABLE 4
Achievement Test Scores (con't)

Math Level I

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
	%	%	%	%	%	%	%	%	%	%
Score										
700 - 800	6	7	7	8	7	6	6	5	6	6
600 - 699	23	25	25	25	24	24	22	23	22	24
500 - 599	35	35	34	35	37	38	39	38	38	39
400 - 499	28	27	27	25	24	26	26	28	27	25
300 - 399	8	6	7	6	6	7	7	6	7	5
200 - 299	0	0	0	0	0	0	0	0	0	0
Number	210,734	172,032	158,061	158,327	149,918	146,426	145,572	146,172	145,851	145,277
Mean	537	545	545	546	547	541	537	536	539	545
S. D.	101	101	102	101	100	99	97	94	96	94

Math Level 2

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
	%	%	%	%	%	%	%	%	%	%
Score										
700 - 800	NA	NA	41	42	42	41	37	35	35	37
600 - 699	NA	NA	37	36	37	39	40	42	41	42
500 - 599	NA	NA	15	15	15	15	17	18	17	17
400 - 499	NA	NA	5	5	5	5	5	5	5	4
300 - 399	NA	NA	2	2	1	1	1	1	1	1
200 - 299	NA	NA	0	0	0	0	0	0	0	0
Number	NA	NA	29,334	32,153	30,497	32,743	34,513	34,990	37,592	37,603
Mean	NA	NA	660	665	666	665	657	653	654	661
S. D.	NA	NA	102	100	97	95	95	92	94	90

Spanish

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
	%	%	%	%	%	%	%	%	%	%
Score										
700 - 800	14	18	NA	15	14	15	14	11	13	13
600 - 699	15	18	NA	18	16	19	18	16	16	17
500 - 599	26	26	NA	26	27	27	29	27	28	26
400 - 499	38	31	NA	32	29	29	29	31	30	31
300 - 399	7	6	NA	8	14	10	10	14	13	13
200-299	0	0	NA	0	0	0	0	0	0	0
Number	33,212	27,814	NA	26,019	24,238	24,356	23,528	25,039	25,350	25,442
Mean	539	560	NA	547	535	544	542	524	529	531
S. D.	121	125	NA	123	124	120	118	119	120	120

TABLE 4
Achievement Test Scores (con't)

European History

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
	%	%	%	%	%	%	%	%	%	%
Score										
700 - 800	N/A	N/A	N/A	9	6	4	6	7	8	8
600 - 699	N/A	N/A	N/A	19	19	19	18	22	23	22
500 - 599	N/A	N/A	N/A	32	35	29	30	33	36	36
400 - 499	N/A	N/A	N/A	30	29	34	33	29	27	28
300 - 399	N/A	N/A	N/A	10	10	14	13	7	6	6
200 - 299	N/A	N/A	N/A	1	0	0	1	0	0	0
Number	N/A	N/A	N/A	3,367	2,426	3,527	3,420	3,469	3,229	3,191
Mean	N/A	N/A	N/A	531	526	507	516	539	544	544
S. D.	N/A	N/A	N/A	111	104	103	108	102	101	100

German

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
	%	%	%	%	%	%	%	%	%	%
Score										
700 - 800	N/A	N/A	N/A	16	16	17	15	17	14	17
600 - 699	N/A	N/A	N/A	20	18	19	19	19	20	21
500 - 599	N/A	N/A	N/A	27	28	28	29	27	31	31
400 - 499	N/A	N/A	N/A	29	28	27	27	28	25	24
300 - 399	N/A	N/A	N/A	8	9	10	9	9	9	6
200 - 299	N/A	N/A	N/A	0	0	0	0	0	0	0
Number	N/A	N/A	N/A	6,312	5,650	5,524	5,154	4,801	4,682	3,779
Mean	N/A	N/A	N/A	555	551	553	550	552	551	563
S. D.	N/A	N/A	N/A	121	123	123	120	123	117	115

Hebrew

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
	%	%	%	%	%	%	%	%	%	%
Score										
700 - 800	N/A	N/A	N/A	11	12	16	16	19	23	30
600 - 699	N/A	N/A	N/A	36	34	33	32	41	34	31
500 - 599	N/A	N/A	N/A	33	34	33	33	22	28	25
400 - 499	N/A	N/A	N/A	18	16	13	15	15	11	11
300 - 399	N/A	N/A	N/A	2	4	4	4	3	5	3
200 - 299	N/A	N/A	N/A	0	0	0	0	1	1	0
Number	N/A	N/A	N/A	732	713	624	637	543	499	446
Mean	N/A	N/A	N/A	579	581	589	588	600	602	622
S. D.	N/A	N/A	N/A	97	100	105	102	107	118	113

TABLE 4
Achievement Test Scores (con't)

Latin

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
	%	%	%	%	%	%	%	%	%	%
Score										
700 - 800	N/A	N/A	N/A	6	4	3	5	7	11	11
600 - 699	N/A	N/A	N/A	18	17	15	18	19	22	24
500 - 599	N/A	N/A	N/A	35	37	34	34	32	32	31
400 - 499	N/A	N/A	N/A	32	33	36	33	31	31	28
300 - 399	N/A	N/A	N/A	9	9	12	9	10	5	6
200 - 299	N/A	N/A	N/A	0	0	0	0	0	0	0
Number	N/A	N/A	N/A	1,698	1,259	1,425	1,570	1,823	2,114	2,547
Mean	N/A	N/A	N/A	524	517	508	524	529	548	554
S. D.	N/A	N/A	N/A	100	95	96	98	106	106	108

Literature

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
	%	%	%	%	%	%	%	%	%	%
Score										
700 - 800	N/A	N/A	N/A	7	6	5	6	5	5	5
600 - 699	N/A	N/A	N/A	22	22	24	22	22	22	23
500 - 599	N/A	N/A	N/A	31	32	31	31	31	33	31
400 - 499	N/A	N/A	N/A	26	26	27	28	27	26	27
300 - 399	N/A	N/A	N/A	13	11	13	12	12	14	12
200 - 299	N/A	N/A	N/A	1	1	1	1	1	2	2
Number	N/A	N/A	N/A	21,523	19,284	18,281	17,012	17,158	16,405	14,903
Mean	N/A	N/A	N/A	525	526	521	522	524	517	521
S. D.	N/A	N/A	N/A	113	110	109	111	111	109	109

Physics

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
	%	%	%	%	%	%	%	%	%	%
Score										
700 - 800	N/A	N/A	N/A	18	19	19	16	18	18	17
600 - 699	N/A	N/A	N/A	30	30	29	29	30	32	31
500 - 599	N/A	N/A	N/A	32	32	32	35	34	33	34
400 - 499	N/A	N/A	N/A	18	18	17	20	18	16	17
300 - 399	N/A	N/A	N/A	2	1	2	2	1	2	1
200 - 299	N/A	N/A	N/A	0	0	0	0	0	0	0
Number	N/A	N/A	N/A	15,644	15,882	15,408	15,046	14,656	15,897	15,991
Mean	N/A	N/A	N/A	592	593	591	580	592	595	592
S. D.	N/A	N/A	N/A	103	103	106	101	100	101	99

TABLE 4
Achievement Test Scores (cont')

Russian

Year	'73	'74	'75	'76	'77	'78	'79	'80	'81	'82
	%	%	%	%	%	%	%	%	%	%
Score										
700 - 800	N/A	N/A	N/A	23	29	29	39	43	46	47
600 - 699	N/A	N/A	N/A	15	16	15	14	12	15	17
500 - 599	N/A	N/A	N/A	23	20	25	16	16	20	16
400 - 499	N/A	N/A	N/A	26	21	20	19	15	9	12
300 - 399	N/A	N/A	N/A	12	14	9	10	12	9	6
200 - 299	N/A	N/A	N/A	1	0	1	1	1	1	2
Number	N/A	N/A	N/A	478	352	402	311	340	347	118
Mean	N/A	N/A	N/A	559	575	587	613	622	642	652
S. D.	N/A	N/A	N/A	145	149	148	157	169	156	155

ATTACHMENT C

COLLEGE BOARD
AND
NATIONAL MERIT SCHOLARSHIP CORPORATION

PRELIMINARY SCHOLASTIC APTITUDE TEST/NATIONAL MERIT SCHOLARSHIP QUALIFYING TEST[1]

OCTOBER ADMINISTRATIONS

STATISTICAL SUMMARY

TABLE VII

Numbers, Means, and Standard Deviations of Verbal Scores for Junior Students Tested from 1959 to the Present

	Male			Female			Total[2]		
Year[3]	Number	Mean	SD	Number	Mean	SD	Number	Mean	SD
1959	186,791	41.0	11.2	191,365	41.3	10.8	378,156	41.2	11.0
1960	229,781	40.9	10.7	232,008	41.0	10.4	461,787	40.9	10.6
1961	253,001	42.1	10.7	254,839	42.6	10.6	507,839	42.3	10.7
1962	317,085	42.8	10.7	330,624	42.9	10.5	647,709	42.9	10.5
1963	379,282	43.1	10.8	395,793	43.4	10.6	775,075	43.3	10.7
1964	402,465	42.7	10.6	421,496	43.0	10.4	823,961	42.9	10.5
1965	447,808	42.5	11.0	477,685	42.0	10.9	926,035	42.2	10.9
1966	461,994	42.7	11.0	496,478	42.7	10.7	958,974	42.7	10.8
1967	493,831	42.0	10.8	538,421	42.1	10.7	1,032,945	42.0	10.8
1968	508,888	42.2	11.5	555,304	42.9	11.6	1,064,986	42.6	11.6
1969	507,570	42.2	10.8	559,721	42.2	10.8	1,067,834	42.2	10.8
1970	492,990	41.4	11.0	553,583	41.4	10.7	1,047,135	41.4	10.8
1971	512,622	42.1	10.6	576,393	42.4	10.5	1,090,868	42.2	10.6
1972	491,385	42.6	11.1	564,975	42.7	10.9	1,056,752	42.7	11.0
1973	492,683	42.0	10.8	574,424	41.7	10.7	1,067,601	41.8	10.8
1974	503,959	42.2	10.7	589,840	41.1	10.4	1,094,328	41.6	10.5
1975	508,834	41.8	11.1	602,818	40.4	11.0	1,112,483	41.0	11.1
1976	510,543	40.9	10.4	609,174	40.1	10.3	1,120,542	40.5	10.4
1977	521,802	40.6	10.6	629,870	39.3	10.6	1,152,494	39.9	10.6
1978	513,515	41.2	10.4	622,212	40.1	10.3	1,136,586	40.6	10.3
1979	510,115	40.7	10.3	621,493	39.9	10.4	1,132,370	40.2	10.4
1980	513,503	41.2	10.4	625,459	40.1	10.2	1,139,709	40.6	10.3
1981	507,033	42.1	10.3	611,785	41.0	10.2	1,119,513	41.5	10.2
1982	494,548	41.7	10.5	598,570	40.5	10.1	1,094,268	41.0	10.3

(1) Preliminary Scholastic Aptitude Test, 1959 through 1970; Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test from 1971 to present.

(2) Totals include students who did not indicate sex.

(3) Data from Form 1 and Form 2 are incorporated for 1959 through 1978; with the introduction of Form 3 at the 1979 administration, data from all three forms are incorporated from 1979 to present.

COLLEGE BOARD
AND
NATIONAL MERIT SCHOLARSHIP CORPORATION

PRELIMINARY SCHOLASTIC APTITUDE TEST/NATIONAL MERIT SCHOLARSHIP QUALIFYING TEST[1]

OCTOBER ADMINISTRATIONS

STATISTICAL SUMMARY

TABLE VIII

Numbers, Means, and Standard Deviations of Mathematical Scores for Junior Students Tested from 1959 to the Present

	Male			Female			Total[2]		
Year[3]	Number	Mean	SD	Number	Mean	SD	Number	Mean	SD
1959	186,791	47.6	10.2	191,365	42.4	8.6	378,156	45.0	9.8
1960	229,755	47.5	10.2	231,956	42.3	9.2	461,711	44.8	10.1
1961	252,995	48.6	10.4	254,820	43.6	9.4	507,804	46.1	10.2
1962	317,069	48.7	10.6	330,599	44.3	9.7	647,668	46.5	10.4
1963	379,282	47.6	10.5	395,793	43.5	9.3	775,075	45.6	10.1
1964	402,465	46.9	10.9	421,496	42.6	9.8	823,961	44.7	10.6
1965	447,803	48.3	11.1	477,678	43.8	10.2	926,023	45.9	10.9
1966	461,986	47.1	11.5	496,455	43.1	10.7	958,943	45.0	11.3
1967	493,829	46.4	10.8	538,418	42.7	9.7	1,032,940	44.5	10.4
1968	508,858	47.4	11.5	555,260	44.0	10.5	1,064,912	45.6	11.1
1969	507,557	47.0	11.4	559,714	43.2	10.6	1,067,814	45.0	11.1
1970	492,982	48.4	11.5	553,568	44.1	10.6	1,047,112	46.1	11.2
1971	512,622	47.3	11.6	576,393	43.4	10.5	1,090,868	45.2	11.2
1972	491,294	49.1	11.4	564,864	45.0	10.4	1,056,550	46.9	11.1
1973	492,573	47.8	11.8	574,256	43.5	10.9	1,067,323	45.5	11.5
1974	503,790	48.2	11.2	589,620	43.9	9.9	1,093,938	45.9	10.7
1975	508,700	47.9	11.4	602,631	43.5	10.4	1,112,159	45.5	11.1
1976	510,435	47.3	11.5	609,036	43.0	10.4	1,120,298	45.0	11.1
1977	521,631	46.5	10.9	629,669	42.2	9.8	1,152,122	44.2	10.5
1978	513,382	47.2	11.5	622,041	42.9	10.2	1,136,281	44.8	11.0
1979	509,981	47.5	11.3	621,338	43.5	10.2	1,132,080	45.3	10.9
1980	513,376	47.4	11.5	625,332	43.3	10.4	1,139,454	45.1	11.1
1981	506,965	47.3	11.5	611,696	43.3	10.4	1,119,357	45.1	11.1
1982	494,483	46.9	11.5	598,499	42.8	10.4	1,094,132	44.7	11.1

(1) Preliminary Scholastic Aptitude Test, 1959 through 1970; Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test from 1971 to present.

(2) Totals include students who did not indicate sex.

(3) Data from Form 1 and Form 2 are incorporated for 1959 through 1978; with the introduction of Form 3 at the 1979 administrations, data from all three forms are incorporated from 1979 to present.

C: Mr. Solomon
2/10/83 GRA

UNITED STATES DEPARTMENT OF EDUCATION
NATIONAL COMMISSION ON EXCELLENCE IN EDUCATION
WASHINGTON, D.C. 20208

February 3, 1983

Dr. Gregory Anrig
Educational Testing Service
Princeton, New Jersey 08541

Dear Greg:

It was good talking with you the other day. As I indicated, on behalf of the Commission I would like to receive the data noted in the attached sheet. In addition, the issue has arisen regarding the costs of scoring writing samples as compared to machine scored tests. Any information about this would also be helpful.

Thank you again for all your help.

Sincerely yours,

Milton Goldberg

Attachment

For each year* from 1962 - 1982, (a) the Mean Scores and (b) Number of Test Takers for the following examinations:

(1) SAT - Verbal
(2) SAT - Math
(3) PSAT - Verbal
(4) PSAT - Math
(5) GRE - Verbal
(6) GRE - Math
(7) CEEB Achievement: English
(8) CEEB Achievement: Math, Level 1
(9) CEEB Achievement: Math, Level 2
(10) CEEB Achievement: American History
(11) CEEB Achievement: European History
(12) CEEB Achievement: Spanish
(13) CEEB Achievement: French
(14) CEEB Achievement: German
(15) CEEB Achievement: Biology
(16) CEEB Achievement: Chemistry
(17) CEEB Achievement: Physics
(18) GRE Achievement: English
(19) GRE Achievement: Mathematics
(20) GRE Achievement: History
(21) GRE Achievement: Psychology
(22) GRE Achievement: Biology
(23) GRE Achievement: Chemistry
(24) Advanced Placement: English
(25) Advanced Placement: Mathematics
(26) Advanced Placement: American History
(27) Advanced Placement: Biology
(28) Advanced Placement: Chemistry
(29) (Optional: Law Business and Med. School Admissions Tests - if the data are easily available)

* Alternatively; At 4-5 year intervals, e.g. 1962, 1966, 1970, 1974, 1978, 1982.